

Docket Number: 081468-0307720  
Client Reference: P-1503.020-US

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

STEVEN HANSEN

Group Art Unit:

Application No.: TO BE ASSIGNED

Examiner:

Filed: February 9, 2004

Confirmation No.:

For: LITHOGRAPHIC APPARATUS AND METHOD FOR OPTIMIZING  
AN ILLUMINATION SOURCE USING PHOTOLITHOGRAPHIC SIMULATIONS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.


This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The references were cited by or submitted to the Office in parent application no. 10/361,831, filed February 11, 2003 and parent application no. 10/716,439, filed November 20, 2003, which are relied upon for earlier filing dates under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 C.F.R. §1.98(d).

Respectfully Submitted,

PILLSBURY WINTHROP LLP

For John P. Darling  
Registration Number 44482

  
Christopher L. A. H. R.  
# 54248

Date: February 9, 2004

P.O. Box 10500  
McLean, VA 22102  
Telephone: (703) 905-2000  
Facsimile: (703) 905-2500

FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT-1449)  
 Patent and Trademark Office

Atty.  
Dkt. No.

M#

Client Ref.

307720

P-1503.020-US

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Applicant: STEVEN HANSEN

Appln. No.: TO BE ASSIGNED

Filing Date: February 9, 2004

Date: February 9, 2004

Page

1

of

1

Examiner: Unassigned

Group Art Unit: Unassigned

## **U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing<br>Date<br>(if appropriate) |
|-------------------------|----|--------------------|-----------------|---|-------|--------------|------------------------------------|
|                         | AR | 5,305,054          | 04/1994         | SUZUKI et al.                           |       |              |                                    |
|                         | BR | 5,523,193          | 06/1996         | NELSON                                  |       |              |                                    |
|                         | CR | 6,049,660          | 04/2000         | AHN et al.                              |       |              |                                    |
|                         | DR | 6,452,662          | 09/2002         | MULKENS et al.                          |       |              |                                    |
|                         | ER | 6,463,403 B1       | 10/2002         | BURDORF et al.                          |       |              |                                    |
|                         | FR | 6,466,304          | 10/2002         | SMITH                                   |       |              |                                    |
|                         | GR | 2002/0035461 A1    | 03/2002         | CHANG et al.                            |       |              |                                    |
|                         | HR | 2002/0167653 A1    | 11/2002         | MULKENS et al.                          |       |              |                                    |
|                         | IR | 2003/0093251 A1    | 05/2003         | CHANG                                   |       |              |                                    |
|                         | JR |                    |                 |   |       |              |                                    |
|                         | KR |                    |                 |   |       |              |                                    |
|                         | LR |                    |                 |   |       |              |                                    |
|                         | MR |                    |                 |   |       |              |                                    |
|                         | NR |                    |                 |   |       |              |                                    |
|                         | OR |                    |                 |   |       |              |                                    |
|                         | PR |                    |                 |   |       |              |                                    |

## **FOREIGN PATENT DOCUMENTS**

|  |    | Document<br>Number | Date<br>MM/YYYY | Country | Inventor Name |  | English<br>Abstract |    | Translation<br>Readily<br>Available |    |
|--|----|--------------------|-----------------|---------|---------------|--|---------------------|----|-------------------------------------|----|
|  |    |                    |                 |         |               |  | Enclosed            | No | Enclose                             | No |
|  | OR |                    |                 |         |               |  |                     |    |                                     |    |
|  | RR |                    |                 |         |               |  |                     |    |                                     |    |
|  | SR |                    |                 |         |               |  |                     |    |                                     |    |
|  | TR |                    |                 |         |               |  |                     |    |                                     |    |
|  | UR |                    |                 |         |               |  |                     |    |                                     |    |
|  | VR |                    |                 |         |               |  |                     |    |                                     |    |
|  | WR |                    |                 |         |               |  |                     |    |                                     |    |
|  | XR |                    |                 |         |               |  |                     |    |                                     |    |
|  | YR |                    |                 |         |               |  |                     |    |                                     |    |
|  | ZR |                    |                 |         |               |  |                     |    |                                     |    |

## **OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

|  |     |  |  |  |  |  |  |  |  |  |
|--|-----|--|--|--|--|--|--|--|--|--|
|  | AAR |  |  |  |  |  |  |  |  |  |
|  | BBR |  |  |  |  |  |  |  |  |  |
|  | CCR |  |  |  |  |  |  |  |  |  |
|  | DDR |  |  |  |  |  |  |  |  |  |

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.